IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED CENTRAL PAX CENTER JUL 1 1 2006

In re Patent Application of

Date: July 11, 2006

Applicants: Bednorz et al.

Docket: YO987-074BZ

Serial No.: 08/479,810

Group Art Unit: 1751

Filed: June 7, 1995

Examiner: M. Kopec

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH TRANSITION

TEMPERATURE, METHODS FOR THEIR USE AND PREPARATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this Fifth Response After Final Rejection, (24 Pages) is being facsimile transmitted to the U.S. Patent and Trademark Office to (571) 273-8300 on July 11, 2006.

FIFTH SUPPLEMENTAL RESPONSE

Sir:

In response to the Office Action dated October 20, 2005, please consider the following: